

Ditec Obbi

External actuators for swing gates with up to 3 m single gate

Ditec Obbi, with its refined and essential design, fully integrates with the aesthetics of the gate.

Multi-hole brackets to ease installation. 24 V DC motor.

Key-operated release system for manual operations.

Thin and smart structure, which makes it suitable for any type of frame. Optional buffer battery to ensure uninterrupted operation in the event of blackouts. Partly open provision, speed adjustment, soft start and soft stop.



Product specifications

EN

Mains features

Description	Obbi 3BH
Electromechanical actuator	irreversible for up to 3 m wide wing
Maximum capacity	250 kg x 1.5 m 150 kg x 3 m
Service index	3 - frequent
Intermittent operation	S2 = 30 min S3 = 50%
Power absorption	24 V DC
Input	3 A
Thrust	1500 N

Description	Obbi 3BH
Opening time	25 s/90°
Max travel	350 mm
Actuator maximum opening	110°
Release system for manual opening	key-operated
Operating temperature	-20°C / +55°C [-35°C / +55°C with NIO enabled]
Protection level	IP 54
Product dimensions (mm)	110x200x995

Main system functions

Description	Obbi 3BH	Obbi 3BH
Control panel	ref. E2HOB for 1 or 2 24 V DC motors with built-in radio	ref. VIVA H for 1 or 2 24 V DC motors
Mains power supply	230 V AC / 50-60 Hz	230 V AC / 50-60 Hz
Batteries	■ (optional)	■ (optional)
Number of motors	1 or 2	1 or 2
Motor power supply	24 V DC / 2 x 4.5 A	24 V DC / 2 x 12 A
Accessories power supply	24 V DC / 0.5 A	24 V DC / 0.5 A
Electrically operated lock	24 V DC / 1.2 A	24 V DC / 1.2 A
Flashing light	24 V DC	24 V DC
Gate open warning light (warns the user if gate is not fully closed)	analogue	analogue
Courtesy light		24 V
Limit switch provision		■
Encoder (to control speed and deceleration)	virtual encoder	virtual encoder
Force adjustment control	display	automatic
ODS - Obstruction detection system	■	■
Speed adjustment	display	■
Braking / slowdown control (ensures best approach)	display	■
Operation time adjustment	display	■
Open control	■	■
Partly open control	■	■
Close control	■	■
Automatic timed close control	■	■
Inching control	■	■
Hold-to-run control	■	■
Stop safety device	■	■
Reverse operation safety device	■	■
Safety Test Facility	■	
NIO - Antifreeze system	■	■
Soft start	■	■
Operating temperature	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]
Protection level	IP 55	IP 55
Product dimensions (mm)	187x261x105	238x357x120